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### NOTICE OF ALLOWANCE AND FEE(S) DUE

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07/30/2004

OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT.
P.C.
1940 DUKE STREET

1940 DUKE STREET ALEXANDRIA, VA 22314 EXAMINER
EWART, JAMES D

ART UNIT

PAPER NUMBER

ATE MAILED: 07/30/2004

APPLICATION NO.

FILING DATE

FIRST NAMED INVENTOR

ATTORNEY DOCKET NO.

CONFIRMATION NO.

09/841,042

04/25/2001

Katsumi Yamato

206502US2RD

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TITLE OF INVENTION: METHOD AND SYSTEM FOR RADIO COMMUNICATIONS USING MOBILE TERMINAL MOVING ROUTE PREDICTION

	APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
•	nonprovisional	NO	\$1330	\$300	\$1630	11/01/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fce(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Page 1 of 3

PTOL-85 (Rev. 07/04) Approved for use through 04/30/2007.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/841,042	04/25/2001	04/25/2001 Katsumi Yamato		4353	
22850 75	90 07/30/2004	•	EXAM	INER	
OBLON, SPIVA	K, MCCLELLAND, MAI	EWART, J	EWART, JAMES D		
P.C. 1940 DUKE STRE	FT ·		ART UNIT	PAPER NUMBER	
	LEXANDRIA, VA 22314				
		•	DATE MAIL CD. 07/20/200		

### Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 451 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 451 day(s).

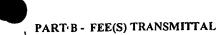
If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

PTOL-85 (Rev. 07/04) Approved for use through 04/30/2007.

Complete and send this form, together with applicable fee(s), to: Mail



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				PUBLICATION FEE (if rec	uired). Blocks 1 through 5	should be completed where
indicated unless corrected maintenance fee notification	below or directed otherwise	in Block I, by (a	a) specifying	a new correspondence addres	ss; and/or (b) indicating a ser	parate "FEE ADDRESS" for
	CE ADDRESS (Note: Use Block I for	any change of address)		Earle) Tennemittal	of mailing can only be used This certificate cannot be used nal paper, such as an assignm	for any other accompanying
22850 7:	590 07/30/2004			have its own certific	ate of mailing or transmission.	
OBLON, SPIVA P.C. 1940 DUKE STRE	K, MCCLELLAND, SET	MAIER & N	IEUSTAD	I hereby certify that States Postal Service addressed to the M	ertificate of Mailing or Tran this Fee(s) Transmittal is bei ein Hendelment postage for fi ail Stop ISSUE FEE addres SPTO (703) 746-4000, on the	ng deposited with the United inst class mail in an envelop s above, or being facsimil
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						(Signature)
•			•			(Date)
APPLICATION NO.	FILING DATE		FIRST NAME	DINVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/841,042	04/25/2001		Katsumi	Yamato	206502US2RD	4353
APPLN, TYPE	SMALL ENTITY	ISSUE F		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
				\$300	\$1630	11/01/2004
nonprovisional	NO	\$1330			¬ .	1110112004
EXAM	IINER	ART UN	IIT	CLASS-SUBCLASS		
EWART,	JAMES D	2683		455-456000		
CFR 1.363). (1) the Change of correspondence address (or Change of Correspondence or ager				For printing on the patent front page, list  ) the names of up to 3 registered patent attorneys agents OR, alternatively,  ) the name of a single firm (having as a member a		
☐ "Fee Address" indication PTO/SB/47; Rev 03-02 of Number is required.	on (or "Fee Address" Indicator more recent) attached. Use	tion form e of a Customer	registered 2 registere	attorney or agent) and the na d patent attorneys or agents. name will be printed.	imes of up to	
3. ASSIGNEE NAME AND						
PLEASE NOTE: Unless recordation as set forth in	an assignce is identified be 37 CFR 3.11. Completion	low, no assignee of this form is NO	data will app T a substitute	ear on the patent. If an assi for filing an assignment.	gnee is identified below, the	document has been filed for
(A) NAME OF ASSIGNI	EE	<b>(B</b>	) RESIDENC	E: (CITY and STATE OR C	OUNTRY)	
Please check the appropriate		rier (will not be pr	inted on the n	atent): O individual C	corporation or other private	erous entity O governmen
4a. The following fee(s) are			. Payment of			
☐ Issue Fee			•	the amount of the fee(s) is e	nclosed.	
	nall entity discount permitted	1)	☐ Payment b	y credit card. Form PTO-203	8 is attached.	
☐ Advance Order - # of 6	Copies	<del></del>	O The Direct Deposit Acc	ctor is hereby authorized by ount Number	charge the required fee(s), o	r credit any overpayment, t copy of this form).
5. Change in Entity Status	(from status indicated above	)				
	IALL ENTITY status, See 3				NTITY status. See, e.g., 37 Cl	
The Director of the USPTO in NOTE: The Issue Fee and Pointerest as shown by the reco	ablication Fee (if required) v	vill not be accepted	I from anyone	y) or to re-apply any previous other than the applicant; a re	usly paid issue fee to the appli- gistered attorney or agent; or	cation identified above. the assignee or other party i
(Authorized Signature)		. (Date)	•		-	
an application. Confidentially submitting the completed as- this form and/or suggestions Box 1450, Alexandria, Virgi Alexandria, Virginia 22313-1	ty is governed by 35 U.S.C. plication form to the USPTO for reducing this burden, sh nia 22313-1450. DO NOT 1450.	D. Time will vary ould be sent to the SEND FEES OR C	depending up Chief Inform COMPLETED	bon the individual case. Any nation Officer, U.S. Patent ar FORMS TO THIS ADDRE	y the public which is to file (a 2 minutes to complete, includ comments on the amount of d Trademark Office, U.S. De SS. SEND TO: Commissione it displays a valid OMB control.	time you require to complete partment of Commerce, P.C. r for Patents, P.O. Box 1450
Under the Paperwork Reduct	ion Act of 1995, no persons	are required to res	pona to a coll	ection of information unless	it displays a valid OMB contr	or musilioct.

TRANSMIT THIS FORM WITH FEE(S)

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			MAR 1 4 2006 W
	Application No.	Applicant(s)	
:11:4	09/841,042	YAMATO ET	A TRACEMENT C
ility	Examiner	Art Unit	
	James D Ewart	2683	

Notice of Allowab -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address-All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. A This communication is responsive to <u>Amendment A filed 06/30/2004.</u> 2. A The allowed claim(s) is lare 5 and 10-16, renumbered 1-5,7,9,6 and 8 respectively. 3. The drawings filed on 4-15-01 are accepted by the Examiner. 4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). b) Some\* c) None of the: a) 🔯 All 1. Certified copies of the priority documents have been received. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). \* Certified copies not received: \_ 5.- Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). (a) The translation of the foreign language provisional application has been received. 6. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 7. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. 8. CORRECTED DRAWINGS must be submitted. (a) I including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached 1) I hereto or 2) to Paper No. \_\_\_ (b) including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the Examiner. (c) I including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_ Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson. 9. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Attachment(s) 2 Notice of Informal Patent Application (PTO-152) 1 Notice of References Cited (PTO-892) 4 Interview Summary (PTO-413), Paper No.\_\_\_\_. 3 Notice of Draftperson's Patent Drawing Review (PTO-948) 6☐ Examiner's Amendment/Comment 5 Information Disclosure Statements (PTO-1449), Paper No. \_ 7 Examiner's Comment Regarding Requirement for Deposit 9☐-Other of Biological Material WILLIAM TROST SUPERVISORY PATENT EXAMINER

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